
From: Abrams, Nancy
Sent: Monday, September 18, 2017 3:26 PM
To: Mayer, Richard; Snowbarger, Robert; Miller, Gary; Vargo, Steve; Smith, Monica; Carroll, Craig; Smalley, Bryant; Webster, Susan; Mason, Steve
Cc: R6HarveyInfo
Subject: FW: SITREP 17 Sep 17
Attachments: USACE SITREP - 17 Sep 17.docx; 8037 Way St Houston 9-17-17.jpg; Zone 9G PaisleyBreasheather.pdf; Bevel Oaks Jefferson County.jpg; TXDOT Trucks.JPG

USACE Sitrep

-----Original Message-----

From: Jenkins, Edward L Jr CIV USARMY CEERD (US) [mailto:Edward.L.Jenkins@usace.army.mil]
Sent: Monday, September 18, 2017 3:08 PM
To: Leblanc, Edward L III CIV CPMS (US) <Edward.L.LeBlanc.III@usace.army.mil>; Lyssy, Gregory <lyssy.gregory@epa.gov>; Eric.Schreckengost@fema.dhs.gov; Shoshana.Resnick@fema.dhs.gov; Ansley, Hubert R (Bo) CIV USARMY CESAM (US) <Hubert.R.Ansley@usace.army.mil>; CESWG-EOC <EOC.CESWG-EOC@usace.army.mil>; CESWF-EOC, EOC <CESWF-EOC@usace.army.mil>; Lammers, Gary D CIV USARMY CEMVK (US) <Gary.D.Lammers@usace.army.mil>; Fogarty, John G Jr CIV USARMY CEMVN (US) <John.G.Fogarty@usace.army.mil>; Powers, Robert E II CIV USARMY CENAB (US) <Robert.E.PowersII@usace.army.mil>; Furr, Tony <tony.furr@fema.dhs.gov>; Blanton, Valerie <Valerie.Blanton@dps.texas.gov>; FLETCHER, Patricia M (Patsy) CIV USARMY CEHQ (US) <Patsy.L.Fletcher@usace.army.mil>; Stark, Kerri D CIV USARMY CESWT (US) <Kerri.Stark@usace.army.mil>; Hargis, Edwin C CIV USARMY CESWL (US) <Edwin.C.Hargis@usace.army.mil>; Baird, Charley <Charley.Baird@fema.dhs.gov>; Oberle, Timothy N CIV USARMY CESAM (US) <Timothy.N.Oberle@usace.army.mil>; Dunn, Melinda <Melinda.Dunn@fema.dhs.gov>; Slie, Brian <Brian.Slie@fema.dhs.gov>; Boone, William <William.Boone@fema.dhs.gov>; Clark, Mark D CIV USARMY CEHQ (US) <Mark.Clark@usace.army.mil>; Randon, Frank CIV CEHQ NCR2 (US) <Frank.Randon@usace.army.mil>; Stuart.W.Kuehn@aphis.usda.gov; Elizabeth.D.Kelpis@aphis.usda.gov; Jimmy.W.Wortham@aphis.usda.gov; Soberal, Elizabeth <Elizabeth.Soberal@fema.dhs.gov>; Walsh, Chris <Chris.Walsh@fema.dhs.gov>; Harris, William <William.Harris@fema.dhs.gov>; McAteer, Mike <mcateer.mike@epa.gov>; Ramsbottom, Stephen E CPT USARMY CESPL (US) <Stephen.E.Ramsbottom@usace.army.mil>; Letarte, Mathew R <Mathew.R.Letarte@usace.army.mil>; Barb.Sturner@fema.dhs.gov; tarisha.cockrell@fema.dhs.gov; robert.chapman.2@fema.dhs.gov; Christopher.Dooley@fema.dhs.gov; jesse.jacksonjr@fema.dhs.gov; Wilson, Clint A CIV USARMY CEERD-CERL (US) <Clint.Wilson@usace.army.mil>; Mayer, Richard <mayer.richard@epa.gov>; Snowbarger, Robert <Snowbarger.Robert@epa.gov>; Abrams, Nancy <Abrams.Nancy@epa.gov>; eugene.bricklemyer@fema.dhs.gov; Stewart, Robert M CIV USARMY CEMVK (US) <Robert.M.Stewart@usace.army.mil>
Cc: Mckay, Timothy L CIV USARMY CEMVK (US) <Timothy.L.McKay@usace.army.mil>; Jenkins, Edward L Jr CIV USARMY CEERD (US) <Edward.L.Jenkins@usace.army.mil>
Subject: SITREP 17 Sep 17

Please see attached sitrep. Thanks.

Lamar Jenkins, Jr., P.E.
Debris SME
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USACE SITREP
DEBRIS
17 September 2017

Mission: Provide Technical Assistance for Debris Recovery per FEMA direction.

USACE TA Reps:

Name	Role	Location
Edward LeBlanc	Debris SME, Team Leader	JFO, Austin
Erica Mark	Debris SME, Field Lead	Field, Team 1
Arianna Raymundo	Debris SMS	Field, Team 1
Heather Grommet	Debris SMS	Field, Team 1
Jonathan Whipple	Debris SMS	Field, Team 1
Steve Sabillo	Debris SMS	Field, Team 1
Jasper Lummus	Debris SME	Field, Team 1
Piper Hendershot	Debris SMS	Field, Team 1
John Fogarty	Debris SME, Field Lead	Field, Team 2
Issac Brown (Ike)	Debris SMS	Field, Team 2
Dan Williams	Debris SMS	Field, Team 2
Michelle Lockhart	Debris SMS	Field, Team 2
Kim Codde	Debris SMS	Field, Team 2
Jamie Ramirez	Debris SMS	Field, Team 2
Steve Pittman	Debris SMS	Field, Team 2
Jennifer Olsson	Debris SMS	Field, Team 2
Deb Lewis	Debris SMS	Field, Team 2
Robert Powers	Debris SME, Field Lead	Field, Team 3
Sandy Gibson	Debris SMS	Field, Team 3
Steve Lindamood	Debris SMS	Field, Team 3
Gary Lammers	Debris SME	Field, Team 3
Robert Stewart (Mike)	Debris SMS	Field, Team 3
Paul Richards (William P.)	Debris SMS	Field, Team 3
Scott Brown	Debris SMS	Field, Team 3
Adan Prado	Debris SMS	Field, Team 3
Dana Wyatt	Debris SMS	JFO Hotline
Faith Bender	Debris SMS	JFO Hotline
Lamar Jenkins	Debris SME, CoTeam Lead	JFO
Tim McKay	Debris SMS	JFO

- I. Current Field Ops
 - a) Technical Assistance

Team 1

- i) Victoria
 - (1) Mobilized to the DMS located 22900 NW Zac Lentz Pkway, Victoria, TX 77905. Watched the load calls on 5 trucks. Load calls ranged from 65 – 90% full. Followed 4 trucks to county and city locations to observe collection. Some areas have mixed debris, low hanging powerlines, or situated in areas where the boom would not be able to safely extract the material. The monitors properly documented the incidences.
 - (2) Investigated Inez, TX that had its first pass completed by the contractor. There were no piles on the side of the road but there was approximately 200 CY of vegetative debris on resident's property scattered throughout. Did not see any C&D debris.
- ii) Refugio County
 - (1) Meeting with Ash Britt, True North and County of Refugio officials (EM Stan Upton, Donna Johnson, Michael Hau from FEMA). Discussed order of debris pickup, temporary DMS location at Refugio Fairgrounds (permitted), and other possible DMS Sites.
 - (2) Visited a possible temporary debris site in Tivoli, and one in Bayside. Both sites seem feasible, but the existing TCEQ permits need to be modified to include C&D and possibly a larger area.
 - (3) Visited the debris pile in Woodsboro, contractors had questions about collection and movement from this location, and are discussing their logistics and plan. Contractor plans to begin collecting in Woodsboro first, per the county's direction.
 - (4) Visited DMS site identified by TxDOT at 1304 Swift St. in Refugio.
- iii) Matagorda, TX
 - (1) Recon area for hurricane damage. Found lots of wind damage. Estimate 80 cy veg and little C&D.
 - (2) Confirmed with monitor, Debris Tech, that debris operations to start in Bay City and Palacios tomorrow, 18 Sept – and the County will be responsible for removing debris. Also, that Matagorda started removing debris last Thursday. Have asked monitor to provide daily totals
- iv) Sargent, TX
 - (1) Recon area for Hurricane damage. Found mainly wind damage (and several trees felled). Estimate 20 CY veg with very little C&D.
- v) Port Aransas
 - (1) Monitored C&D debris removal operations in Port Aransas. Spoke with DRC and Metric supervisors at the DMS. DRC indicated TXDOT is anticipated to take over operations in Port Aransas by mid-next week.
 - (2) Monitored debris operations along ROW and at Transfer Station. Spoke with Thompson at Transfer Station. Trucks continuing to remove vegetative debris and white goods throughout county. C&D debris removal from the ROW commenced

today—4 trucks are removing/hauling C&D debris (1 vegetative truck shifted to C&D and 1 new C&D truck added). 2 dump trucks re-started transferring C&D from transfer station to Airport DMS. 2 trucks continue to remove debris in Holiday Beach and Lamar. Leaner/hanger removal anticipated to start 18 September.

(3) TXDOT is continuing to remove vegetative and C&D debris from the state highway right of way. Removal ongoing on TX-188 between Hwy 35 and FM-1069, and on FM-1069 (section closed) between TX-188 and Hwy 35. SMEs Leblanc and Jenkins onsite to observe operations. Tandem axle dump trucks being used and are estimated to have 16 cy capacity, but with tailgate down and with loading operations observed, it is estimated that they are hauling approximately 6-8 cy per load.

(4) Thompson reports the following as 16 September 2017:

- a. Vegetation – 154,798 CY
- b. C&D – 4,424 CY (no change)
- c. Mulch – 3,867 CY
- d. White Goods – 917
- e. White Goods (hazardous) – 1,371

Team 2

vi) Harris

(1) Debris SME canvassed areas in the Barker Reservoir, Cinco Ranch within Harris County. Noted significant amounts of debris placed on the ROW. No loading operations observed in this area

vii) City of Houston

(1) Debris SMS arrived on Darlington St (Zone 3 K) and observed no debris pickup since flooding occurred. On Woodlyn Dr and Way St noticed loaders leaving debris behind, placing electronics in truck. TetraTech monitor was sitting 2 houses away from loading operations. Noted that debris not being segregated and large piles being cherry picked. Observed loading crew on Laura Koppe and Arlen. Crew removing eligible debris in the ROW and doing good cleanup. Visited the Republic Landfill, 8101 Little York Rd, received 21 loads from the City of Houston in the morning.

(2) Debris SMS visited Zone 9G and found a DRC self-loader working intersection area by Paisley/Breasheather. Self-loader was cleaning up area as required. Monitor said that team was making 5 or 6 loads a day. Driver said he was not fully filling his trailer for fear of getting a ticket being overweight. Tower called his two trailers at 70% and 50%.

(3) Debris SMS visited Lonestar dump. They had erected a scaffold type tower for monitors. Monitors were inspecting in/out of the facility. Indicated approximately 130 loads per day. Load calls appeared to be reasonable.

(4) Debris SMS canvassed Zones 11 O, Q, S and W areas near the Buffalo Bayou. Zone 11W . Indian Circle had evidence of a lot of debris that had been already cleaned up for the most part, and a lot of it still in dumpsters.

(5) Debris SME canvassed area along the south side of Buffalo Bayou between SH 6 and Beltway 8. Noted significant stockpiles of debris on the ROW within first 2 blocks from the bayou

xiii) City of Bellaire

(1) Debris SMS visited the Bellaire DMS at 1308 north First street. Site is approximately one acre and was nearly filled. The site also had two scaffold towers.

ix) City of Baytown – Harris County

(1) Debris SMS visited Baytown Landfill and spoke to TetraTech monitor. Site opened Saturday, 16 Sept 17. Two trucks hauling debris, 4 loads as of 1100 hrs. Harris County tower separate from Chambers County tower.

(2) Debris SMS visited Baytown Landfill and spoke with True-North monitor which reported 62 loads today as of 1100 hrs. Majority of trucks are round bottom gravel trucks, approximately 25cy. Observed load call of 75% for one truck. Observed monitor with truck loading at Forrest Hollow Dr, Baytown. Crowder-Gulf had an excavator, operator and raker to load trucks. Two trucks waiting to be loaded. Observed monitor and truck loading at Bayou Blvd. Note that the City of Baytown is split between Chambers County and Harris County.

x) Nassau Bay

(1) Debris SMS visited landfill at 2015 N Wyoming Ave and spoke with monitor, 1 truck, 6 loads as of 1:30, averaging 80% load calls.

xi) Seabrook

(1) Debris SMS visited landfill at 2015 N Wyoming Ave and spoke with monitor, 1 truck, 3 loads as of 1:30, averaging 90% load calls

xii) Chambers

(1) Debris SMS visited Chambers County Landfill in Anahuac and spoke to True-North monitor, 3 trucks operated Saturday, 17 loads, averaging 90-95%, 986.25CY total (performance standard set by County was 1000 CY). 1 truck running Sunday, 1 load as of 1000 hrs, Crowder-Gulf expecting 3-4 loads today.

xiii) Galveston County

City of League City

(1) Debris SMS visited landfill at 2015 N Wyoming Ave and spoke with TetraTech monitor and 7 trucks are hauling but having difficulty keeping them running, 22 loads as of 1330 hrs, averaging 75-90% calls.

City of Dickinson

(2) Debris SMS visited landfill at 2015 N Wyoming Ave. No monitor present, no hauling to landfill today. Visited Debris Management Site at 1300 Hughes Rd, Dickinson, TX and spoke to monitors. Entrance and Exit to site has been redirected. Trucks now enter near scaffold tower and make a loop so that monitors can verify empty beds, 6 trucks running today, 56 loads as of 1530 hrs, averaging 70-75% calls. Visited Debris Management Site at 3820 Gulf Fwy, Dickinson, TX and spoke to monitor. No trucks hauling in or out today. Crowder-Gulf sorting out white goods.

City of La Marque

(3) Debris SMS visited landfill at 2015 N Wyoming Ave and spoke with monitor, began hauling yesterday to Sante Fe (3935 Ave A), opened this DMS today.

Crowder-Gulf will haul debris from La Marque to the Sante Fe Landfill except when closed on Sundays, 1 truck running, 2 loads as of 1:30, 3 trucks yesterday. Observed truck loading at Sun River Dr.

City of Sante Fe

(4) Debris SMS visited landfill at 2015 N Wyoming Ave and spoke with monitor, 5 trucks that had loaded yesterday dropped off loads this morning. No additional loads today.

City of Texas City

(5) Debris SMS visited landfill at 2015 N Wyoming Ave and spoke with monitor, 3 trucks running today, 6 loads as of 1330 hrs, average 80-85% calls.

xiv) Brazoria County

City of Alvin

(1) Debris SMS visited landfill at 21000 E Highway 6, Alvin, TX and spoke with monitor, 2 trucks, 10 loads as of 1500 hrs. Accident closed highway for 2 hours, slowing production. Observed monitors with trucks being loaded by a small track loader and small excavator at W Snyder St.

xv) Fort Bend

(1) Debris SME canvassed Fort Bend County, Cinco Ranch area and noted significant debris in the Kelliwood and Canyon Gate subdivisions. Noted Ashbrite loading debris stockpiled on the ROW at Montbury and Hollow Fields. TetraTech monitor indicated loader getting approximately 5 to 6 loads per day and is hauling to the Harlem Rd DMS. Some residents noted that they paid to have their debris removed because they didn't know the County was going to remove it.

(2) Visited the Harlem DMS and noted TetraTech monitors making reasonable load calls. Observed trucks exiting past the tower. As of 1530 hrs, site had received approximately 120 units.

(3) Observed contractor loading debris for Municipal Utility District 5 (MUD 5) on Spyglass Hills Dr in Cinco Ranch. Obtained POC with the MUD and will follow up about debris contracts

Team 3

xii) Jefferson

(1) City of Bevil Oaks unincorporated area inside Jefferson County was completely inundated by flood waters. All 250 homes were affected. Jefferson County will be hauling. Estimated 25,000 CY. There were 300 volunteers from Mormon Church Helping hands removing debris from multiple homes.

xiii) Port Arthur

(1) Port Arthur visited both TDMS sites and observed load calls and hauling operations throughout the city. No issues and running efficient.

2) Completed debris assessment for Port Arthur. Quads completed: 14, 15 and 18. These areas have approximately 13,000 CY of Residential C&D. Western section of Quad 14 is not selected as an area of concern but yield 5000+ CY of debris

xiv) City of Groves

(1) Completed survey for City of Groves – debris removal is underway. It appears there has been at least one previous pass through in quads 4 and 5. Current debris is estimated at approximately 20,000 CY of Residential C&D.

xv) City of Orange

(1) Continued estimating the County of Orange. It is a very large spread out rural area and will take a couple more days to complete estimate

xvi) Hardin

(1) Continued estimating debris in Hardin County. It is a very large spread out rural area and will take a couple more days to complete estimate

(2) Team continued to canvas areas of Hardin County along Keith Road and Cook Lake Rd to estimate debris volumes. Debris total for today is 39,985cy and should be added to the overall Hardin County #'s making a total of 77,385cy to date

(3) Team visited the TDSR site off of FM 421. Operations looked good and load calls were within the established FEMA guidelines

(4) Team completed volume estimates in the City of Lumberton. Additional quantity of 575cy should be added to the overall total for Lumberton making a total of 16,025cy.

Future Operations

a) Technical Assistance

- i) Team 1 –Observe operations at the compositing facility that is supposed to start operating 18 September 2017
- ii) Team 1 - Attempt to contact Precinct 2 Commissioner
- iii) Team 1 - Clarify any questions or comments with local city and county officials about events that took place over the weekend
- iv) Team 1 - Ensure that both additional DMS sites in Refugio County have been permitted
- v) Team 2 - Monitor debris operations in Montgomery County and Harris County
- vi) Team 2 - Monitor debris operations in Harris County
- vii) Team 2 - Monitor debris operations in City of Houston
- viii) Team 2 -Continue to coordinate with municipalities, update debris County/City database.
- ix) Team 3 -Conduct estimating in Hardin County
- x) Team 3 - Conduct estimating in Orange County
- ix) Team 3 - Conduct estimating in Nome's & China
- x) Team 3 - Will continue to estimate debris volumes in Hardin County, specifically in the areas of Pinewood and Countrywood

City of Houston Zone K Way St.



29°50'38" N 95°16'50" W 298°NW COURSE 178° GPS

8037 Way St, Houston, TX 77028, United States

09.17.2017 10:30:27

Accur +/-16.4 Ft ALT 25 Ft





